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Part Number:

0366440005

Status:

Active

Overview:

MLX Power Connectors

Description:

2.13mm Diameter MLX Pin and Socket Receptacle, 6 Circuit, PA Polyamide Nylon 6/6 94V-2, Glow-Wire Capable

Documents:

[Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[3D Model](#)

[Product Specification PS-36644-001-001 \(PDF\)](#)

[Packaging Specification PK-42022-XX-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agency Certification |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CSA                  | LR19980                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| UL                   | E29179                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| General              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product Family       | Crimp Housings                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Series               | 36644                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application          | Power, Wire-to-Wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Comments             | This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire.<P><P>The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s).<P>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |
| Overview             | <a href="#">MLX Power Connectors</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Product Name         | MLX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| UPC                  | 800756935195                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

|                               |            |
|-------------------------------|------------|
| Physical                      |            |
| Circuits (maximum)            | 6          |
| Color - Resin                 | Natural    |
| Flammability                  | 94V-2      |
| Gender                        | Receptacle |
| Glow-Wire Capable             | Yes        |
| Keying to Mating Part         | None       |
| Lock to Mating Part           | Yes        |
| Material - Resin              | Nylon      |
| Net Weight                    | 5.470/g    |
| Number of Rows                | 2          |
| Packaging Type                | Bag        |
| Panel Mount                   | No         |
| Pitch - Mating Interface      | 6.35mm     |
| Pitch - Termination Interface | 6.35mm     |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2021)4569-DC (8 July 2021)              |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

36644 Series

Mates With

2.13mm Diameter MLX Plug Housing [42021](#) , [36643](#)

Use With

MLX Crimp Terminal [42023](#) , [42024](#)

|                                    |                                   |
|------------------------------------|-----------------------------------|
| Polarized to Mating Part           | Yes                               |
| Stackable                          | No                                |
| Temperature Range - Operating      | -55° to +105°C                    |
| <b>Electrical</b>                  |                                   |
| Current - Maximum per Contact      | 20.0A                             |
| <b>Material Info</b>               |                                   |
| <b>Reference - Drawing Numbers</b> |                                   |
| Packaging Specification            | PK-42022-XX-001                   |
| Product Specification              | PS-36644-001-001                  |
| Sales Drawing                      | SD-36644-009-001, SD-42022-XX-001 |

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